Substitute for form 1449/PTO & 1449B/PTO

FOURTH INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| Application Number | 09/988,672 |
|----------------------|-------------------|
| Filing Date | November 20, 2001 |
| First Named Inventor | Young-Jin Hong |
| Examiner Name | ROBERT M POND |
| Attorney Docket No. | 1030681-000330 |

Complete if Known

| Sheet | 1 | of | 1 | |
|-------|---|----|---|--|

| | U.S. PATENT DOCUMENTS | | | | | | |
|----------------------|--|--|---|---|--|--|--|
| Examiner Initials | Document Number- Kind Code Publication Date MM-DD-YYYY | | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Figures Appear | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| · | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |
| | US- | | | | | | |

| | | FOREIG | GN PATENT DOCUME | NTS | | | | | | | |
|----------------------|--|----------------------------------|---|-------------|------------------------|-----------------------|------------------|------|----------|----------|---------------------------|
| , | Foreign Patent Document | | | STATUS | | | | | | | |
| Examiner Initials | Country Code ¹ , Number, Kind Code | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract | | I in Spec. / J. No(s). |
| | JP 09-212548 | 08-15-1997 | Sony Corp. | | | | | | Х | | |
| | | | | | | | | | | | |
| | | | | | | | | | | <u> </u> | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| - | | | | | | | | | | | |

| ¹ Enter Office that | at issued the document, by the two-letter code. |
|--------------------------------|---|
| | NON-PATENT LITERATURE DOCUMENTS |
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| | * Copy of Japanese Office Action dated July 8, 2008* |
| | |
| | |
| | |
| | |

| | | |
|-----------|------------|------|
| Examiner | Date | |
| Signature | Considered | |
| O.ga.a.o | | |